

PARTS LIST

AUTOMATIC LUBRICATION SYSTEM

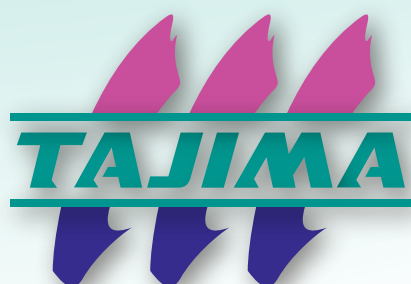


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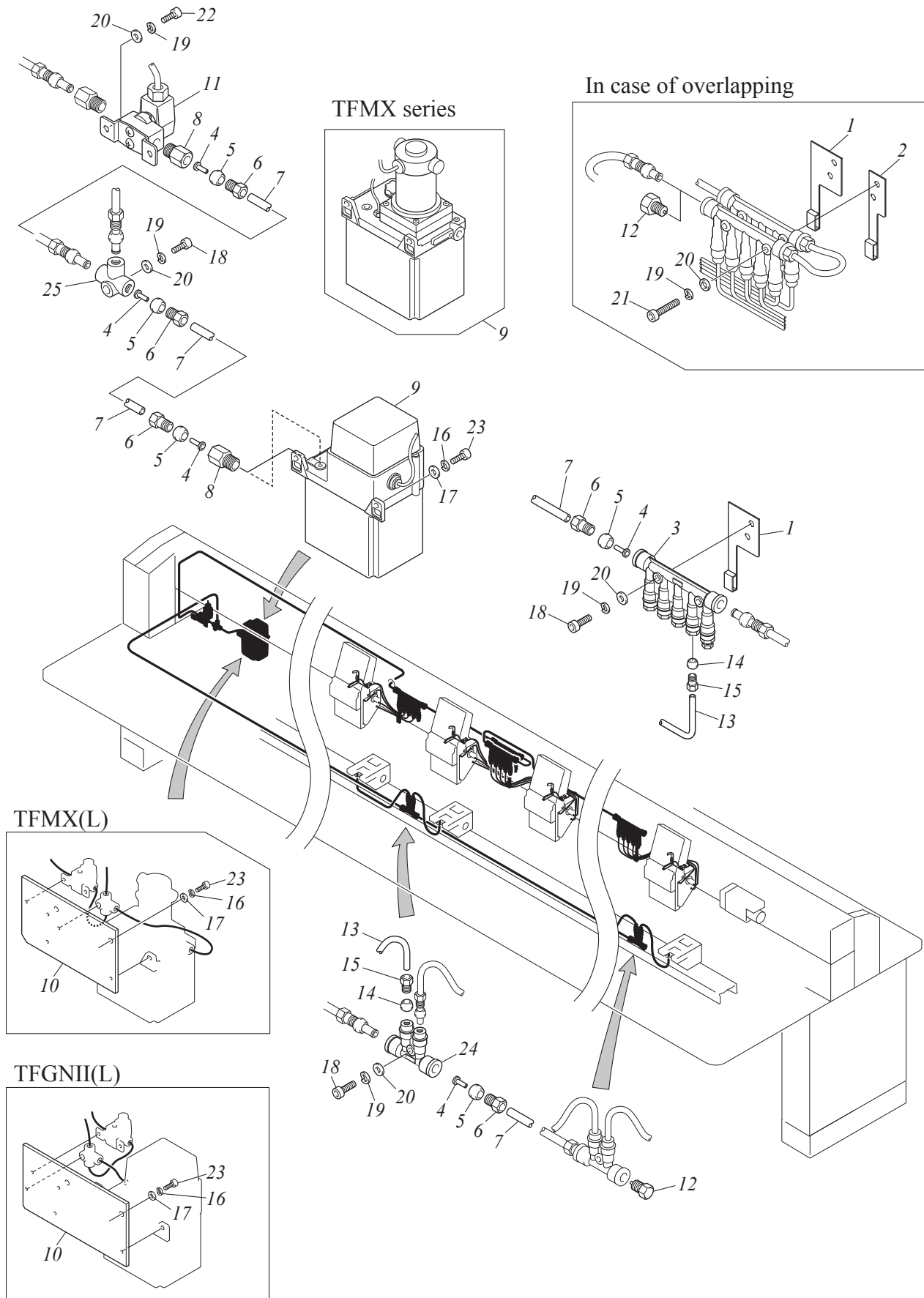
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Part Nos. of screws, nuts, washers etc. are listed at the end of volume.

*Regarding the part number that contains description of @, the part differs depending on model, spec. etc.

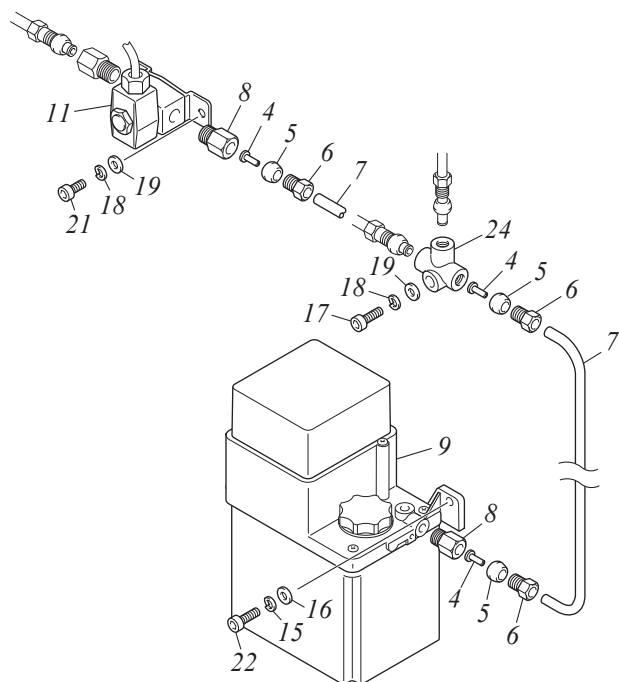
*When you place an order of such a part, please also inform us of your model, embroidery space and manufacturing number of the machine.

Ex.	TFGNII-G920	450 x 275S	No.20123
	[Model]	[Emb. Space]	[Mfg. No.]

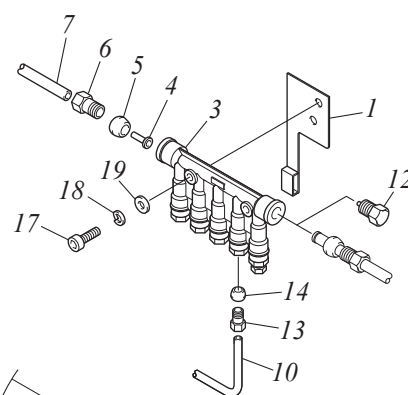
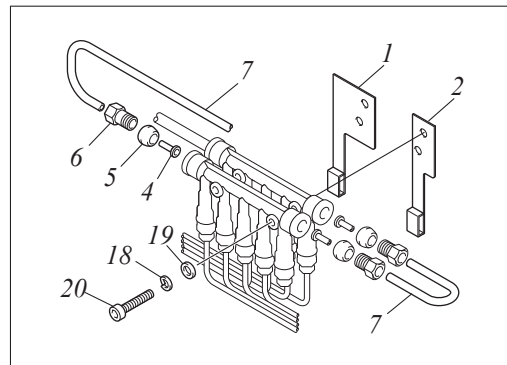
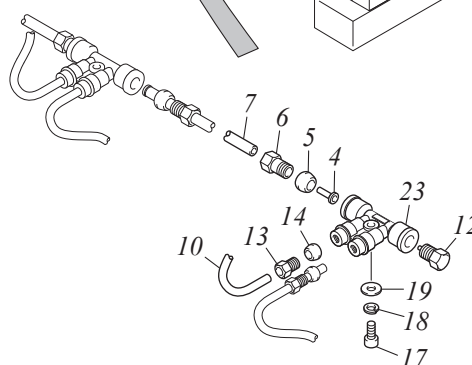
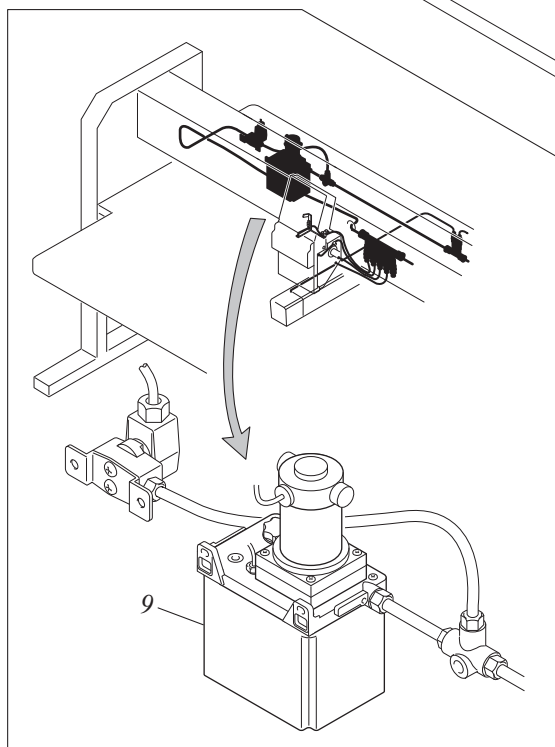


PIPING DIAGRAM A (TFGNII, TFGS, TFKN, TFSN, TFMX, TFMXII) LB-1a

No.	Part Name	Part No.	Remark
1	CLAMP :2.4MM DIA.	0L0230020000	
2	CLAMP :2.4MM DIA.	0L0230030000	
3	DESTER PLUNGER :ARM :DPB15-8830	677000010001	
4	TUBE INSERT :MAIN PIPE :AL4	677000050000	
5	SLEEVE :MAIN PIPE :PB4	677000060000	
6	TIGHTENING PLUG :MAIN PIPE :PA4	677000030000	
7	NYLON PIPE :4MM DIA.	677400020000	
8	NIPPLE :PD4	677000080000	
9	LUBRICATOR PUMP	678200070011	TFGNII, TFGS, TFKN, TFSN
9	LUBRICATOR PUMP	678200060010	TFMX series
10	BASE :LUBRICATION SYSTEM	0L0250010000	TFMX(L)
10	BASE :LUBRICATION SYSTEM	0L0250020000	TFGNII(L)
11	ELECTRO-MAGNETIC VALVE[A]	646500010A00	
12	SEAL PLUG :MAIN PIPE :PG104	677000090000	
13	NYLON PIPE :2.4MM DIA.	677400010000	
14	SLEEVE :BRANCH PIPE :PB2.4	677000070001	
15	TIGHTENING PLUG :BRANCH PIPE :PA2.4	677000040001	
16	SPRING WASHER :M6	S402060001KC	
17	PLAIN WASHER :M6*13*T1.0	S301061301SC	
18	HEXAGON SOCKET HEAD CAP SCREW :M5*25	S120052501TN	
19	SPRING WASHER :M5	S402050001KC	
20	PLAIN WASHER :M5*10*T0.8	S301051002SC	
21	HEXAGON SOCKET HEAD CAP SCREW :M5*40	S120054001TN	
22	HEXAGON SOCKET HEAD CAP SCREW :M5*10	S120051002TN	
23	HEXAGON SOCKET HEAD CAP SCREW :M6*18	S120061802TN	
24	DESTER PLUNGER :ROTARY HOOK :DBP15-8782	677000020001	
25	JUNCTION :MAIN PIPE BRANCH :JD3	677000100000	
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In case of overlapping

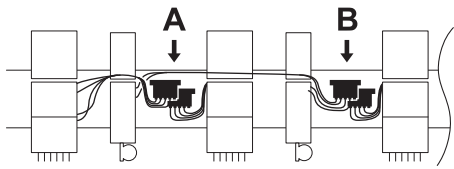
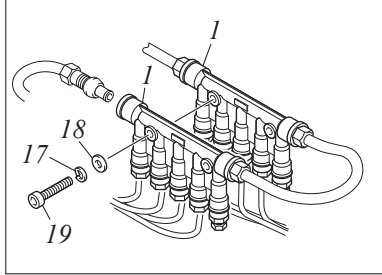
TFMX series
TFMS-IIC

PIPING DIAGRAM B (TFGNII-C, TFMX-C, TFMX-IIC, TFMS-IIC) *LB-1b*

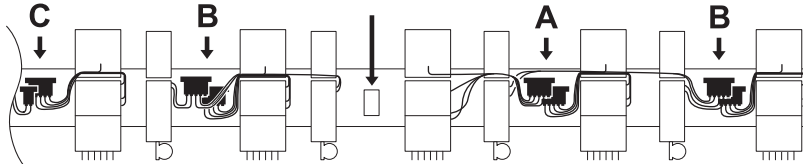
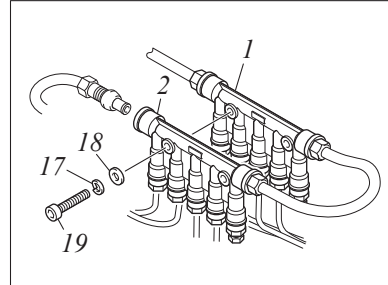
No.	Part Name	Part No.	Remark
1	CLAMP :2.4MM DIA.	0L0230020000	
2	CLAMP :2.4MM DIA.	0L0230030000	
3	DESTER PLUNGER :ARM :DPB15-8830	677000010001	
4	TUBE INSERT :MAIN PIPE :AL4	677000050000	
5	SLEEVE :MAIN PIPE :PB4	677000060000	
6	TIGHTENING PLUG :MAIN PIPE :PA4	677000030000	
7	NYLON PIPE :4MM DIA.	677400020000	
8	NIPPLE :PD4	677000080000	
9	LUBRICATOR PUMP	678200070011	TFGNII-C
9	LUBRICATOR PUMP	678200060010	TFMX series/TFMS-IIC
10	NYLON PIPE :2.4MM DIA.	677400010000	
11	ELECTRO-MAGNETIC VALVE[A]	646500010A00	
12	SEAL PLUG :MAIN PIPE :PG104	677000090000	
13	TIGHTENING PLUG :BRANCH PIPE :PA2.4	677000040001	
14	SLEEVE :BRANCH PIPE :PB2.4	677000070001	
15	SPRING WASHER :M6	S402060001KC	
16	PLAIN WASHER :M6*13*T1.0	S301061301SC	
17	HEXAGON SOCKET HEAD CAP SCREW :M5*25	S120052501TN	
18	SPRING WASHER :M5	S402050001KC	
19	PLAIN WASHER :M5*10*T0.8	S301051002SC	
20	HEXAGON SOCKET HEAD CAP SCREW :M5*40	S120054001TN	
21	HEXAGON SOCKET HEAD CAP SCREW :M5*10	S120051002TN	
22	HEXAGON SOCKET HEAD CAP SCREW :M6*18	S120061802TN	
23	DESTER PLUNGER :ROTARY HOOK :DBP15-8782	677000020001	
24	JUNCTION :MAIN PIPE BRANCH :JD3	677000100000	
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PIPING DIAGRAM C (TLMX MIXED TYPE 6-NEEDLE)

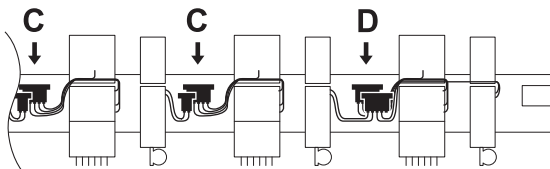
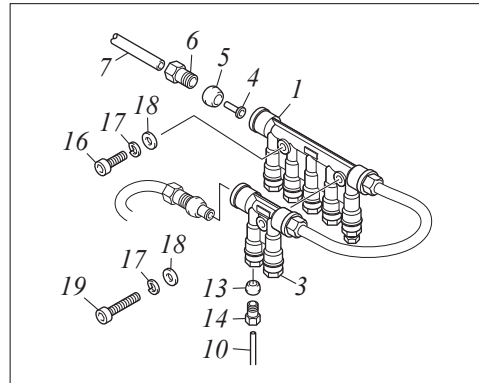
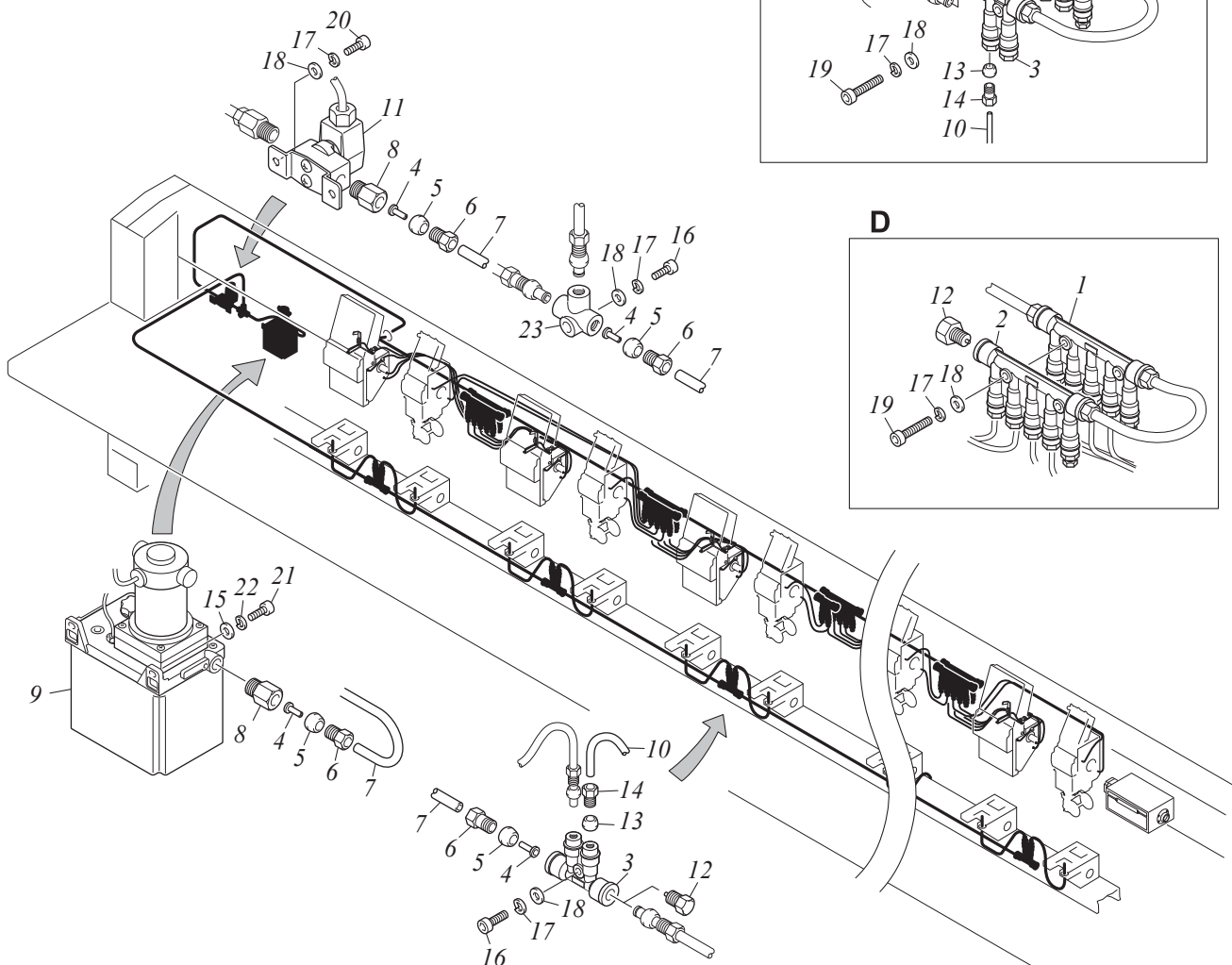
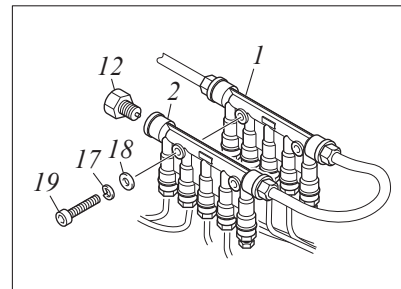
Last Head

**A**

Center Drive

**B**

1st head

**C****D**

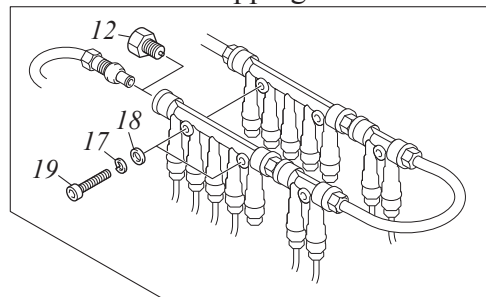
PIPING DIAGRAM C (TLMX MIXED TYPE 6-NEEDLE)

LB-1c

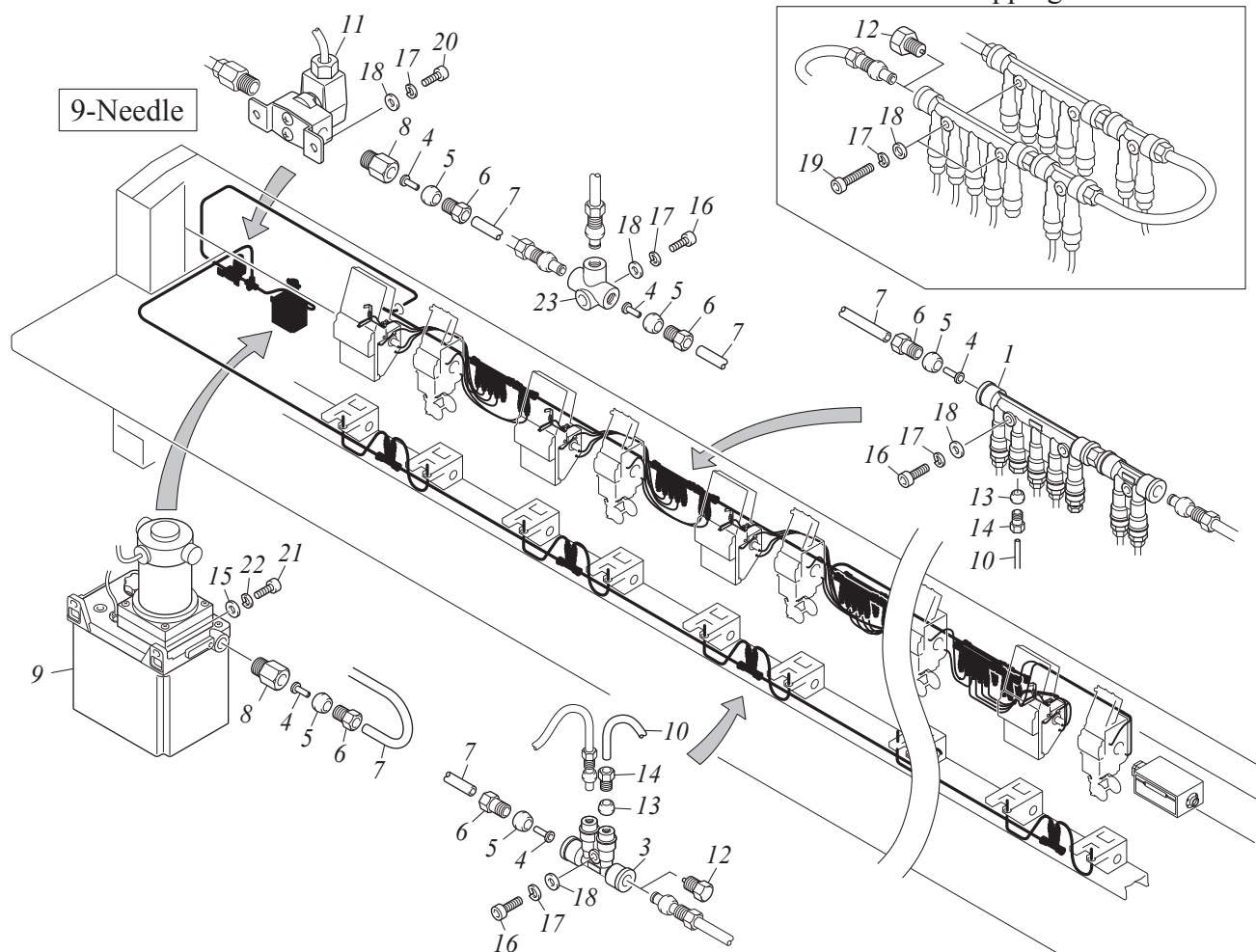
No.	Part Name	Part No.	Remark
1	DESTER PLUNGER :ARM :DPB15-8830	677000010001	
2	DESTERIZING PLUNGER :ARM :DPB15-9607	677000180000	
3	DESTER PLUNGER :ROTARY HOOK :DBP15-8782	677000020001	
4	TUBE INSERT :MAIN PIPE :AL4	677000050000	
5	SLEEVE :MAIN PIPE :PB4	677000060000	
6	TIGHTENING PLUG :MAIN PIPE :PA4	677000030000	
7	NYLON PIPE :4MM DIA.	677400020000	
8	NIPPLE :PD4	677000080000	
9	LUBRICATOR PUMP	678200060010	
10	NYLON PIPE :2.4MM DIA.	677400010000	
11	ELECTRO-MAGNETIC VALVE[A]	646500010A00	
12	SEAL PLUG :MAIN PIPE :PG104	677000090000	
13	SLEEVE :BRANCH PIPE :PB2.4	677000070001	
14	TIGHTENING PLUG :BRANCH PIPE :PA2.4	677000040001	
15	PLAIN WASHER :M6*13*T1.0	S301061301SC	
16	HEXAGON SOCKET HEAD CAP SCREW :M5*25	S120052501TN	
17	SPRING WASHER :M5	S402050001KC	
18	PLAIN WASHER :M5*10*T0.8	S301051002SC	
19	HEXAGON SOCKET HEAD CAP SCREW :M5*40	S120054001TN	
20	HEXAGON SOCKET HEAD CAP SCREW :M5*10	S120051002TN	
21	HEXAGON SOCKET HEAD CAP SCREW :M6*18	S120061802TN	
22	SPRING WASHER :M6	S402060001KC	
23	JUNCTION :MAIN PIPE BRANCH :JD3	677000100000	
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PIPING DIAGRAM D (TLMX MIXED TYPE 9, 12-NEEDLE)

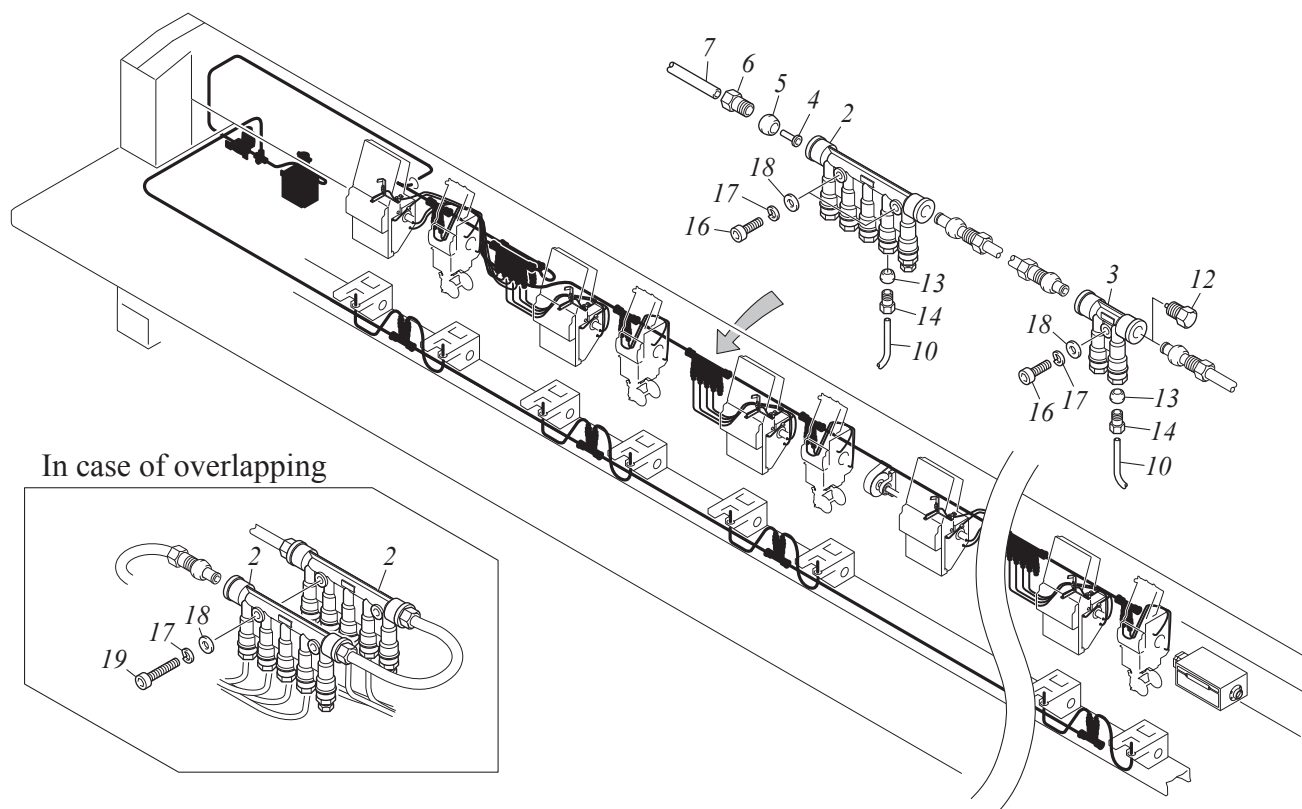
In case of overlapping



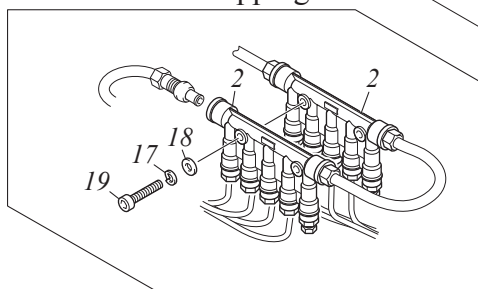
9-Needle



12-Needle



In case of overlapping

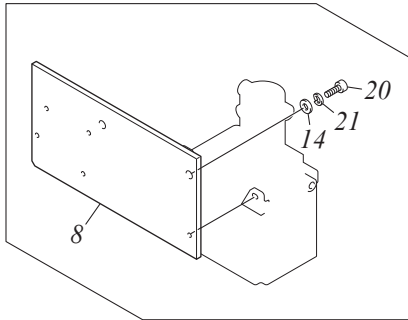


PIPING DIAGRAM D (TLMX MIXED TYPE 9, 12-NEEDLE)

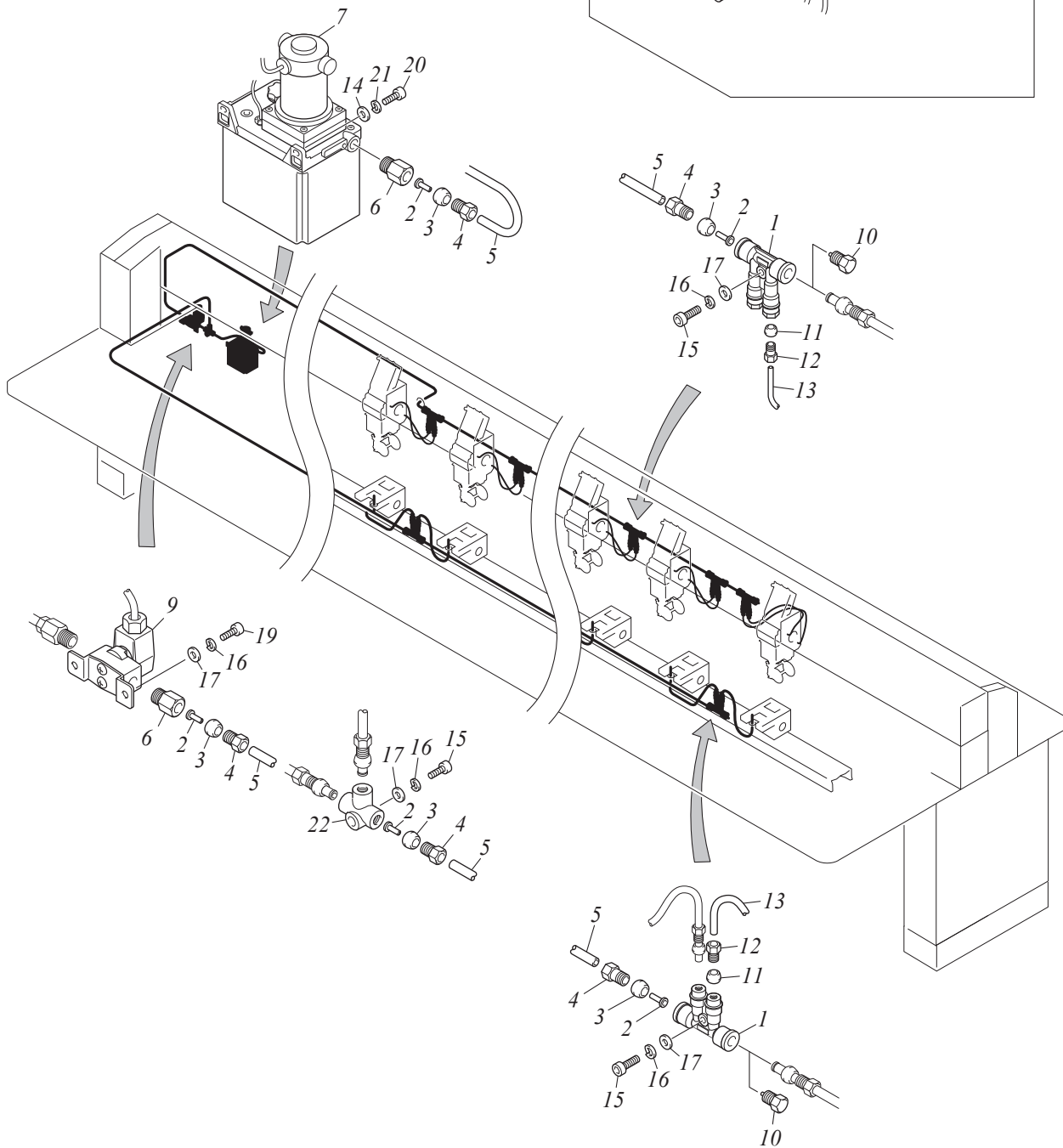
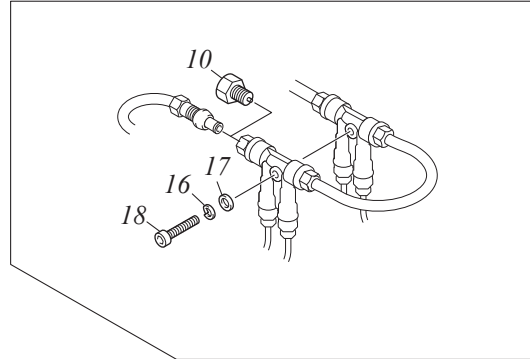
LB-1d

No.	Part Name	Part No.	Remark
1	DESTERIZING PLUNGER :ARM :DPB12+DPB15-9040[A]	677000160A00	
2	DESTER PLUNGER :ARM :DPB15-8830	677000010001	
3	DESTER PLUNGER :ROTARY HOOK :DBP15-8782	677000020001	
4	TUBE INSERT :MAIN PIPE :AL4	677000050000	
5	SLEEVE :MAIN PIPE :PB4	677000060000	
6	TIGHTENING PLUG :MAIN PIPE :PA4	677000030000	
7	NYLON PIPE :4MM DIA.	677400020000	
8	NIPPLE :PD4	677000080000	
9	LUBRICATOR PUMP	678200060010	
10	NYLON PIPE :2.4MM DIA.	677400010000	
11	ELECTRO-MAGNETIC VALVE[A]	646500010A00	
12	SEAL PLUG :MAIN PIPE :PG104	677000090000	
13	SLEEVE :BRANCH PIPE :PB2.4	677000070001	
14	TIGHTENING PLUG :BRANCH PIPE :PA2.4	677000040001	
15	PLAIN WASHER :M6*13*T1.0	S301061301SC	
16	HEXAGON SOCKET HEAD CAP SCREW :M5*25	S120052501TN	
17	SPRING WASHER :M5	S402050001KC	
18	PLAIN WASHER :M5*10*T0.8	S301051002SC	
19	HEXAGON SOCKET HEAD CAP SCREW :M5*40	S120054001TN	
20	HEXAGON SOCKET HEAD CAP SCREW :M5*10	S120051002TN	
21	HEXAGON SOCKET HEAD CAP SCREW :M6*18	S120061802TN	
22	SPRING WASHER :M6	S402060001KC	
23	JUNCTION :MAIN PIPE BRANCH :JD3	677000100000	
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TLMX-L



In case of overlapping

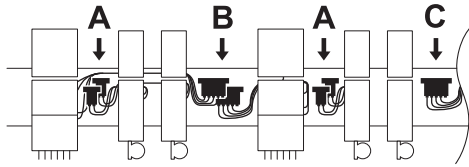


PIPING DIAGRAM E (TLMX-100, T00)

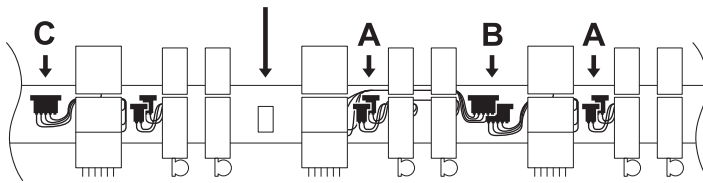
LB-1e

No.	Part Name	Part No.	Remark
1	DESTER PLUNGER :ROTARY HOOK :DBP15-8782	677000020001	
2	TUBE INSERT :MAIN PIPE :AL4	677000050000	
3	SLEEVE :MAIN PIPE :PB4	677000060000	
4	TIGHTENING PLUG :MAIN PIPE :PA4	677000030000	
5	NYLON PIPE :4MM DIA.	677400020000	
6	NIPPLE :PD4	677000080000	
7	LUBRICATOR PUMP	678200060010	
8	BASE :LUBRICATION SYSTEM	0L0250010000	
9	ELECTRO-MAGNETIC VALVE[A]	646500010A00	
10	SEAL PLUG :MAIN PIPE :PG104	677000090000	
11	SLEEVE :BRANCH PIPE :PB2.4	677000070001	
12	TIGHTENING PLUG :BRANCH PIPE :PA2.4	677000040001	
13	NYLON PIPE :2.4MM DIA.	677400010000	
14	PLAIN WASHER :M6*13*T1.0	S301061301SC	
15	HEXAGON SOCKET HEAD CAP SCREW :M5*25	S120052501TN	
16	SPRING WASHER :M5	S402050001KC	
17	PLAIN WASHER :M5*10*T0.8	S301051002SC	
18	HEXAGON SOCKET HEAD CAP SCREW :M5*40	S120054001TN	
19	HEXAGON SOCKET HEAD CAP SCREW :M5*10	S120051002TN	
20	HEXAGON SOCKET HEAD CAP SCREW :M6*18	S120061802TN	
21	SPRING WASHER :M6	S402060001KC	
22	JUNCTION :MAIN PIPE BRANCH :JD3	677000100000	
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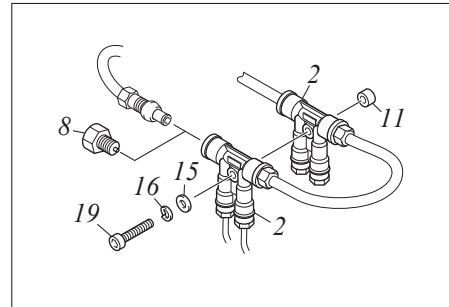
Last Head



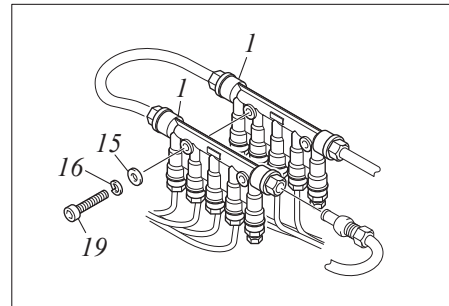
Center Drive



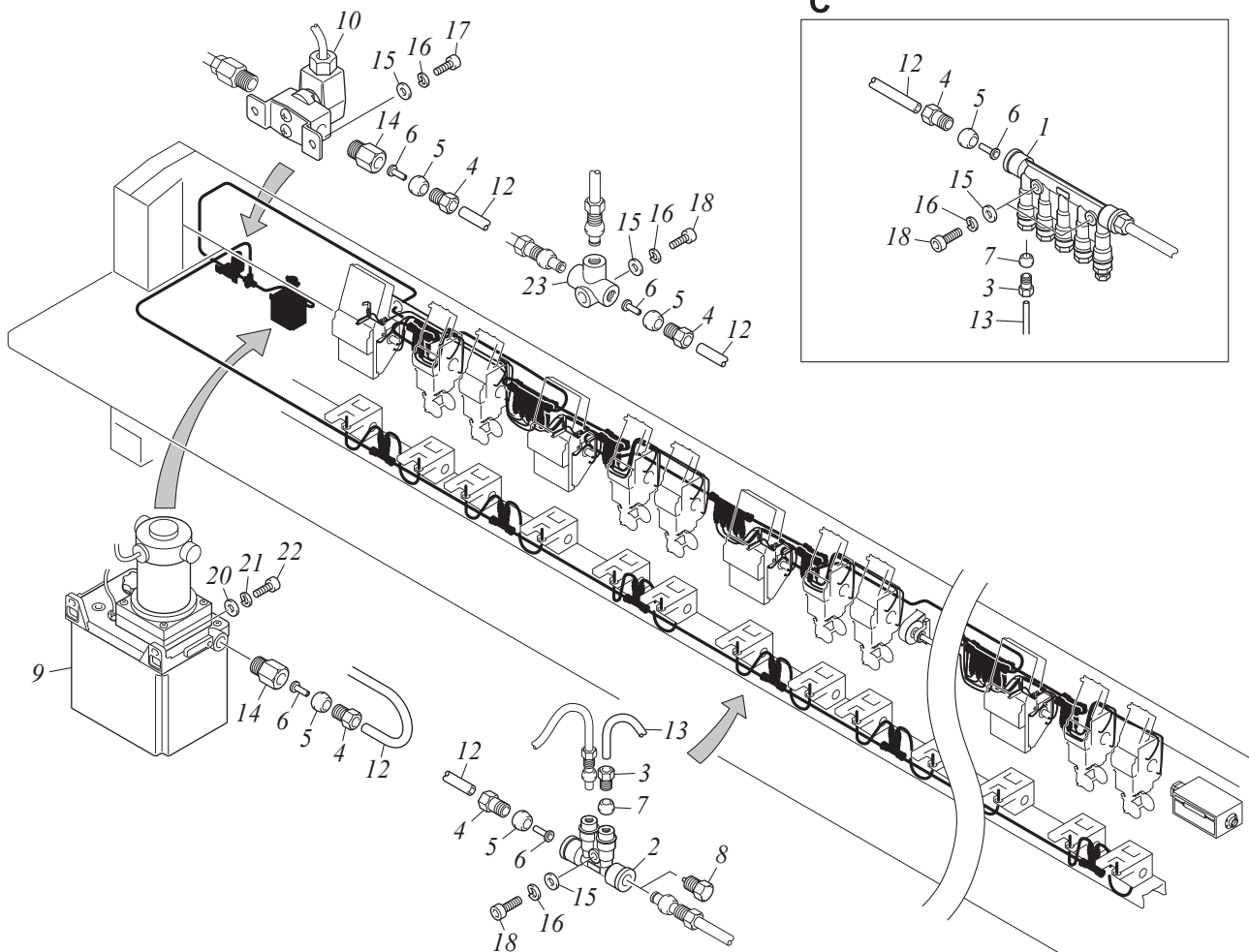
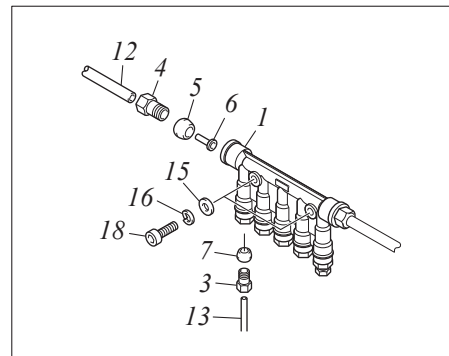
A



B



C

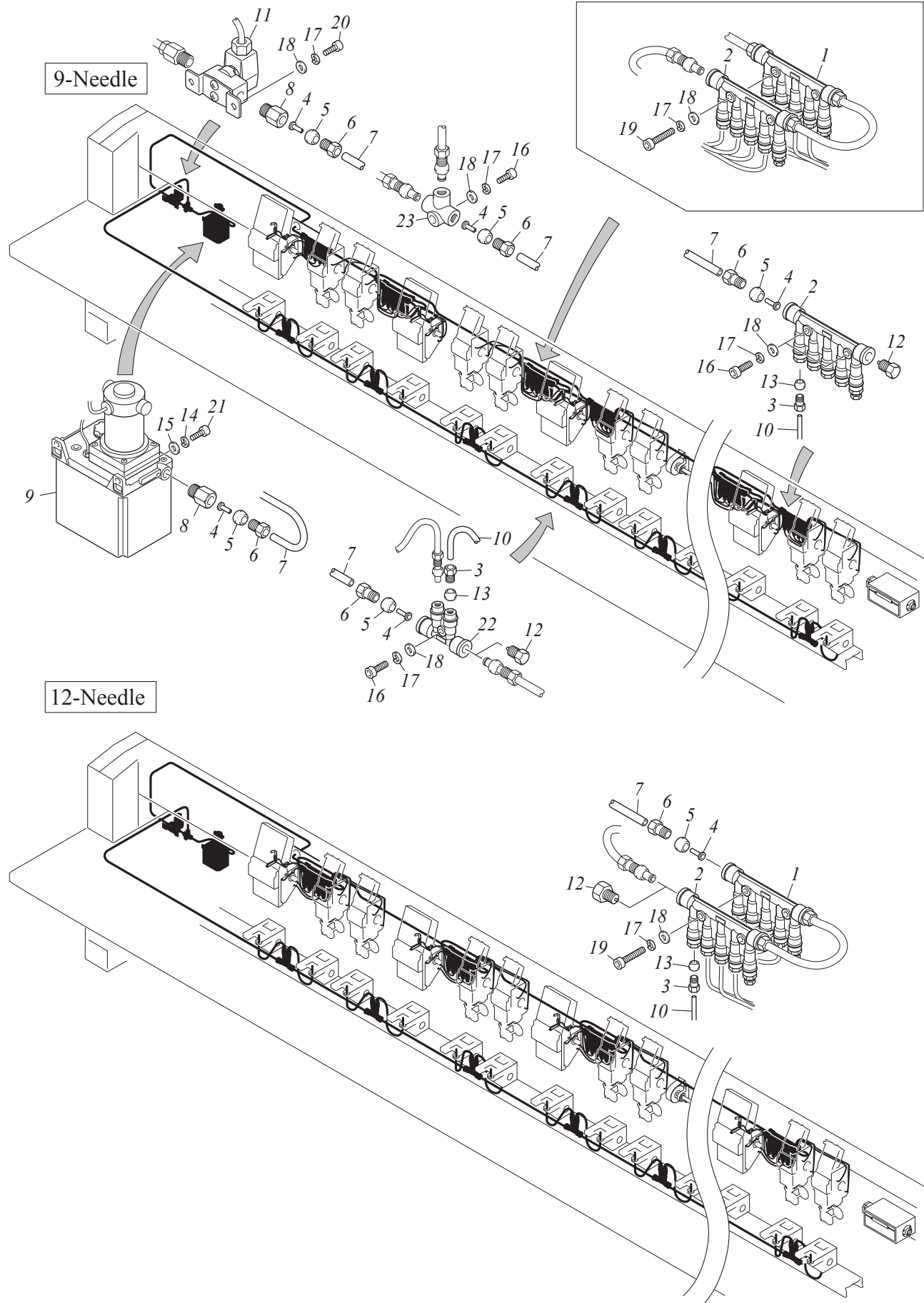


PIPING DIAGRAM F (TLMX TRIPLE MIXED TYPE 6-NEEDLE)

LB-1f

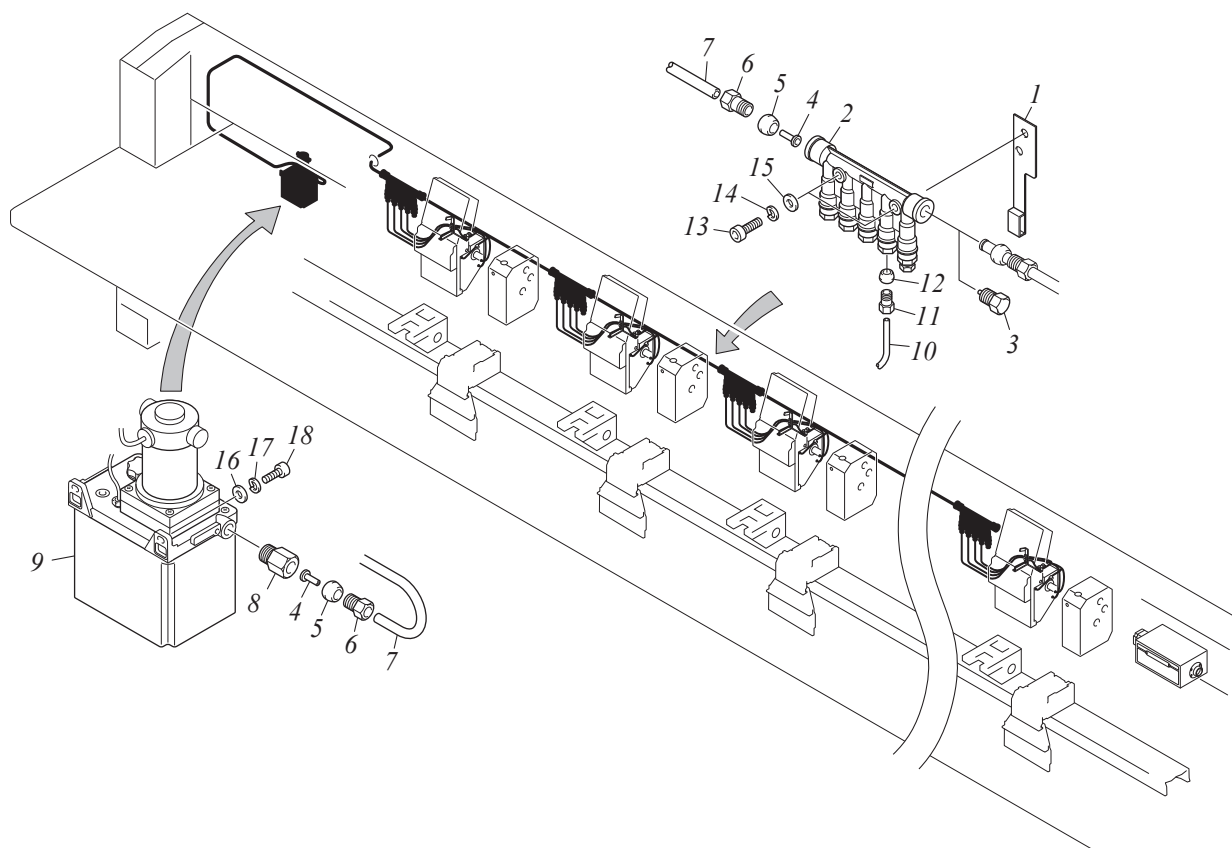
No.	Part Name	Part No.	Remark
1	DESTER PLUNGER :ARM :DPB15-8830	677000010001	
2	DESTER PLUNGER :ROTARY HOOK :DBP15-8782	677000020001	
3	TIGHTENING PLUG :BRANCH PIPE :PA2.4	677000040001	
4	TIGHTENING PLUG :MAIN PIPE :PA4	677000030000	
5	SLEEVE :MAIN PIPE :PB4	677000060000	
6	TUBE INSERT :MAIN PIPE :AL4	677000050000	
7	SLEEVE :BRANCH PIPE :PB2.4	677000070001	
8	SEAL PLUG :MAIN PIPE :PG104	677000090000	
9	LUBRICATOR PUMP	678200060010	
10	ELECTRO-MAGNETIC VALVE[A]	646500010A00	
11	COLLAR :NO.1 :6MM DIA.	502506020000	
12	NYLON PIPE :4MM DIA.	677400020000	
13	NYLON PIPE :2.4MM DIA.	677400010000	
14	NIPPLE :PD4	677000080000	
15	PLAIN WASHER :M5*10*T0.8	S301051002SC	
16	SPRING WASHER :M5	S402050001KC	
17	HEXAGON SOCKET HEAD CAP SCREW :M5*10	S120051002TN	
18	HEXAGON SOCKET HEAD CAP SCREW :M5*25	S120052501TN	
19	HEXAGON SOCKET HEAD CAP SCREW :M5*40	S120054001TN	
20	PLAIN WASHER :M6*13*T1.0	S301061301SC	
21	SPRING WASHER :M6	S402060001KC	
22	HEXAGON SOCKET HEAD CAP SCREW :M6*18	S120061802TN	
23	JUNCTION :MAIN PIPE BRANCH :JD3	677000100000	
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In case of overlapping



PIPING DIAGRAM G (TLMX TRIPLE MIXED TYPE 9, 12-NEEDLE) LB-1g

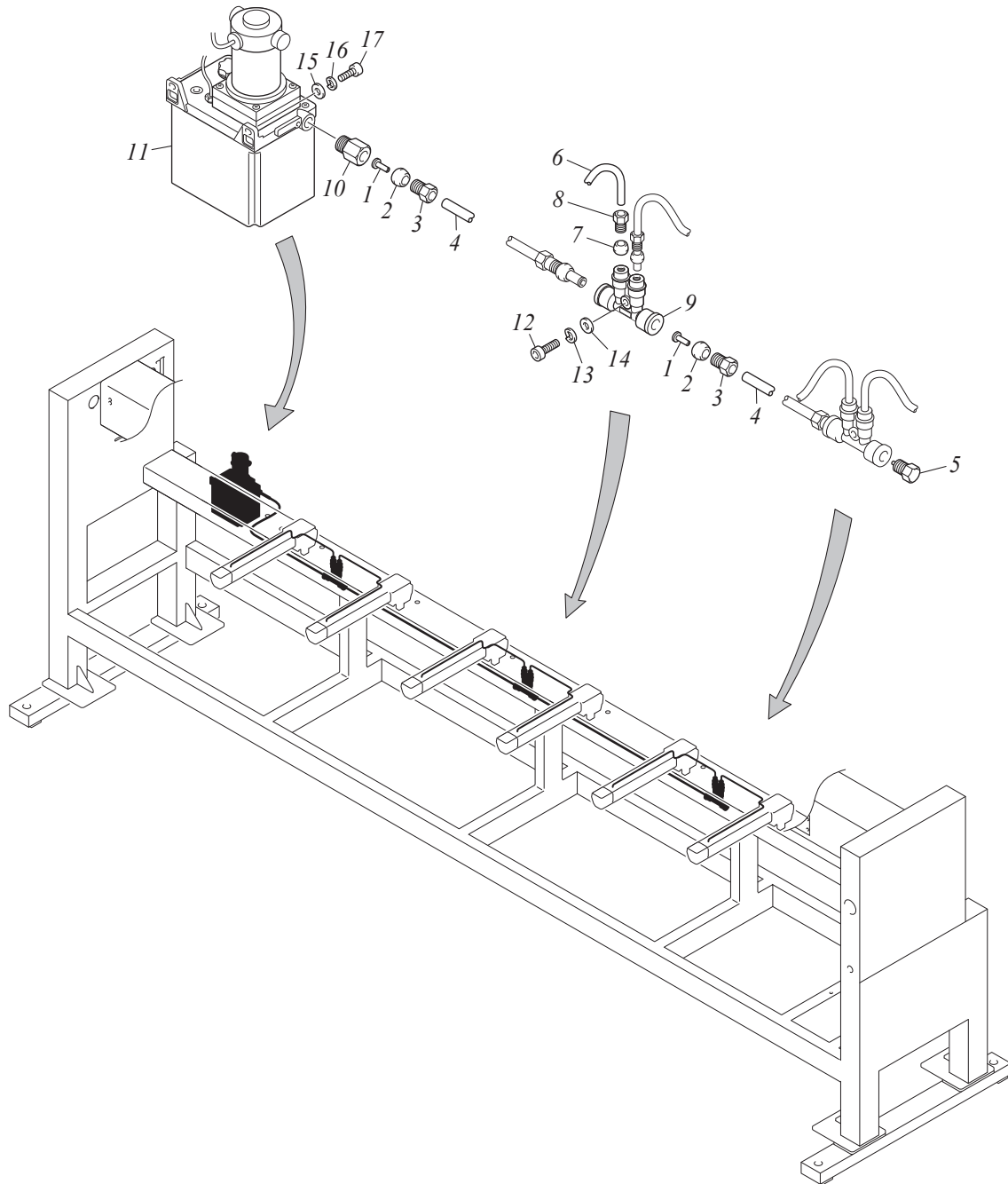
No.	Part Name	Part No.	Remark
1	DESTER PLUNGER :ARM :DPB15-8830	677000010001	
2	DESTERIZING PLUNGER :ARM :DPB15-9607	677000180000	
3	TIGHTENING PLUG :BRANCH PIPE :PA2.4	677000040001	
4	TUBE INSERT :MAIN PIPE :AL4	677000050000	
5	SLEEVE :MAIN PIPE :PB4	677000060000	
6	TIGHTENING PLUG :MAIN PIPE :PA4	677000030000	
7	NYLON PIPE :4MM DIA.	677400020000	
8	NIPPLE :PD4	677000080000	
9	LUBRICATOR PUMP	678200060010	
10	NYLON PIPE :2.4MM DIA.	677400010000	
11	ELECTRO-MAGNETIC VALVE[A]	646500010A00	
12	SEAL PLUG :MAIN PIPE :PG104	677000090000	
13	SLEEVE :BRANCH PIPE :PB2.4	677000070001	
14	SPRING WASHER :M6	S402060001KC	
15	PLAIN WASHER :M6*13*T1.0	S301061301SC	
16	HEXAGON SOCKET HEAD CAP SCREW :M5*25	S120052501TN	
17	SPRING WASHER :M5	S402050001KC	
18	PLAIN WASHER :M5*10*T0.8	S301051002SC	
19	HEXAGON SOCKET HEAD CAP SCREW :M5*40	S120054001TN	
20	HEXAGON SOCKET HEAD CAP SCREW :M5*10	S120051002TN	
21	HEXAGON SOCKET HEAD CAP SCREW :M6*18	S120061802TN	
22	DESTER PLUNGER :ROTARY HOOK :DBP15-8782	677000020001	
23	JUNCTION :MAIN PIPE BRANCH :JD3	677000100000	
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PIPING DIAGRAM H (TCMX MIXED TYPE)

LB-1h

No.	Part Name	Part No.	Remark
1	CLAMP :2.4MM DIA.	0L0230030000	
2	DESTER PLUNGER :ARM :DPB15-8830	677000010001	
3	SEAL PLUG :MAIN PIPE :PG104	677000090000	
4	TUBE INSERT :MAIN PIPE :AL4	677000050000	
5	SLEEVE :MAIN PIPE :PB4	677000060000	
6	TIGHTENING PLUG :MAIN PIPE :PA4	677000030000	
7	NYLON PIPE :4MM DIA.	677400020000	
8	NIPPLE :PD4	677000080000	
9	LUBRICATOR PUMP	678200060010	
10	NYLON PIPE :2.4MM DIA.	677400010000	
11	TIGHTENING PLUG :BRANCH PIPE :PA2.4	677000040001	
12	SLEEVE :BRANCH PIPE :PB2.4	677000070001	
13	HEXAGON SOCKET HEAD CAP SCREW :M5*25	S120052501TN	
14	SPRING WASHER :M5	S402050001KC	
15	PLAIN WASHER :M5*10*T0.8	S301051002SC	
16	PLAIN WASHER :M6*13*T1.0	S301061301SC	
17	SPRING WASHER :M6	S402060001KC	
18	HEXAGON SOCKET HEAD CAP SCREW :M6*18	S120061802TN	
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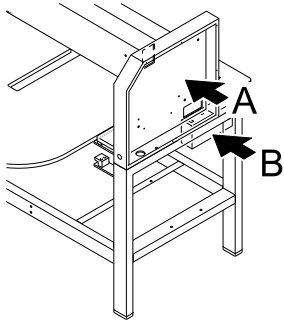
PIPING DIAGRAM J (TMAR-KC)

LB-1j

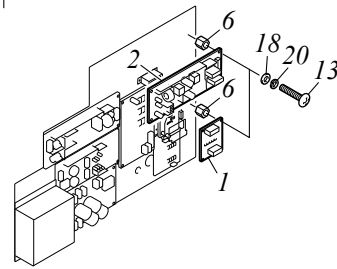
No.	Part Name	Part No.	Remark
1	TUBE INSERT :MAIN PIPE :AL4	677000050000	
2	SLEEVE :MAIN PIPE :PB4	677000060000	
3	TIGHTENING PLUG :MAIN PIPE :PA4	677000030000	
4	NYLON PIPE :4MM DIA.	677400020000	
5	SEAL PLUG :MAIN PIPE :PG104	677000090000	
6	NYLON PIPE :2.4MM DIA.	677400010000	
7	SLEEVE :BRANCH PIPE :PB2.4	677000070001	
8	TIGHTENING PLUG :BRANCH PIPE :PA2.4	677000040001	
9	DESTER PLUNGER :ROTARY HOOK :DBP15-8782	677000020001	
10	NIPPLE :PD4	677000080000	
11	LUBRICATOR PUMP	678200060010	
12	HEXAGON SOCKET HEAD CAP SCREW :M5*25	S120052501TN	
13	SPRING WASHER :M5	S402050001KC	
14	PLAIN WASHER :M5*10*T0.8	S301051002SC	
15	PLAIN WASHER :M6*13*T1.0	S301061301SC	
16	SPRING WASHER :M6	S402060001KC	
17	HEXAGON SOCKET HEAD CAP SCREW :M6*18	S120061802TN	
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ELECTRICAL PARTS (EXCLUDING TMAR-KC)

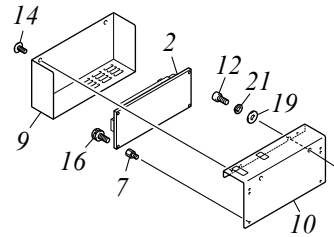
TFMX Series, TFMS Series



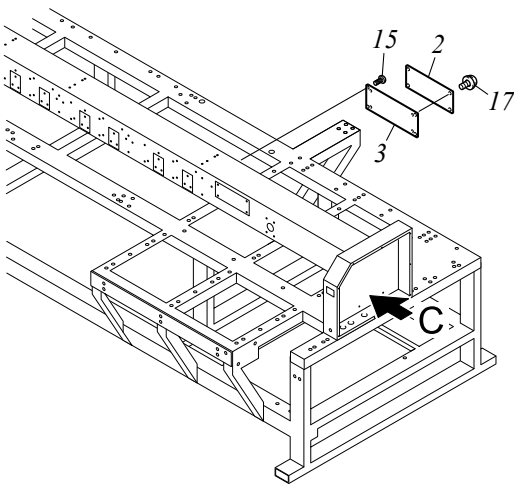
A



B <Width of Right-side Box : 75mm>

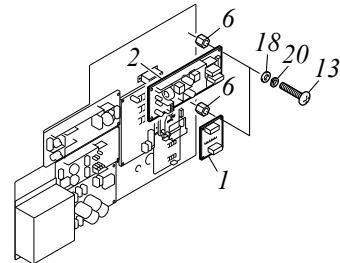


TLMX Series (L), TCMX Mixed Type (L), TCMX-II Mixed Type

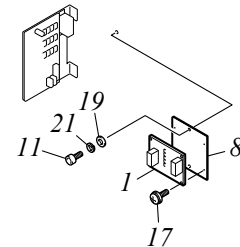


C < TLMX Series (L) >

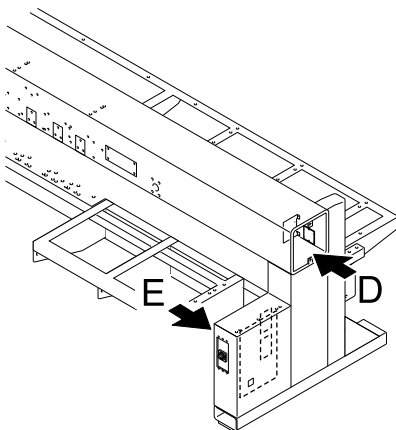
Mixed Type : 1 to 4 pair
 Triple Mixed Type : 3 to 4 group
 100/T00 : 1 to 4 head/2 pair



D < TLMX Series >

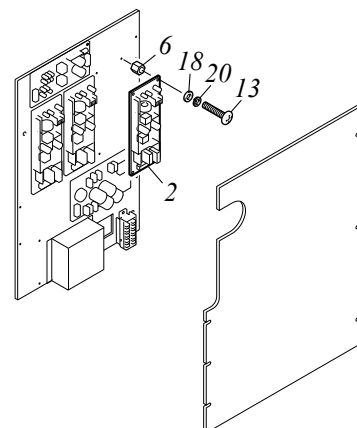
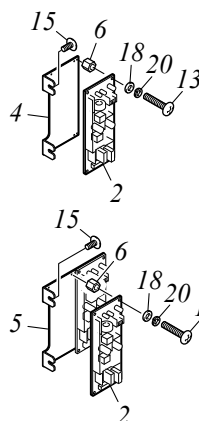


TLMX Series, TCMX Mixed Type



E

Mounting method differs depending on machine type or spec.

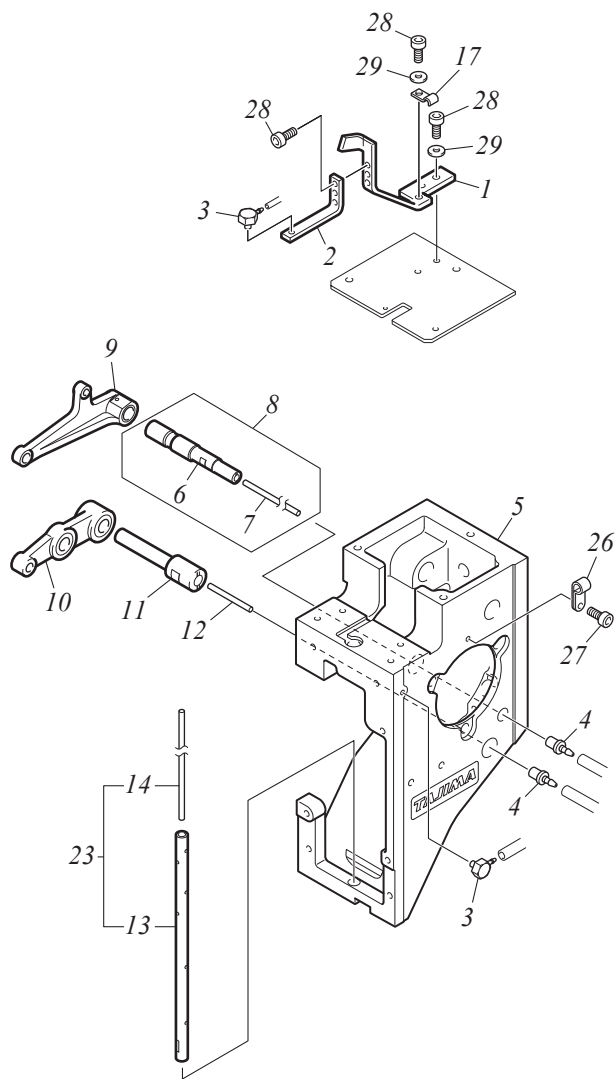


ELECTRICAL PARTS (EXCLUDING TMAR-KC)

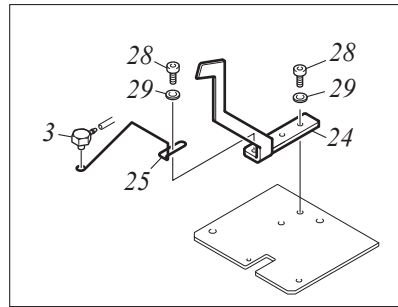
LB-2

No.	Part Name	Part No.	Remark
1	CARD :EXTENSION MACHINE	0J2502400020	
2	DC POWER SUPPLY :24V	645300190011	
2	DC POWER SUPPLY :24V	645300191011	TFMX/TFMS series
3	BASE :POWER SUPPLY CARD :24V	0J1942600000	
4	CARD :BRACKET	0J1106900000	
5	CARD :BRACKET :C	0J11069C0000	
6	SPACER :HEXAGON	644500310000	
7	SPACER :HEXAGON :L10 :M3	644501330000	
8	BASE :MACHINE EXTENSION CARD	0J1942300000	
9	COVER :POWER SUPPLY	0J1108900000	
10	BASE :POWER SUPPLY	0J1108800000	
11	HEXAGON SOCKET HEAD CAP SCREW :M5*10	S120051002TN	
12	HEXAGON SOCKET HEAD CAP SCREW :M5*12	S120051202TN	
13	PAN HEAD SCREW :M3*18	S160031801SD	
14	TRUSS HEAD SCREW :M4*6	S130040602SD	
15	TRUSS HEAD SCREW :M5*8	S130050802SD	
16	SCREW WITH WASHER :M3*6	S660030601SE	
17	SCREW WITH WASHER :M3*15	S660031501SE	
18	PLAIN WASHER :M3*8*T0.5	S301030802SD	
19	PLAIN WASHER :M5*12*T0.8	S301051202SC	
20	SPRING WASHER :M3	S402030002KD	
21	SPRING WASHER :M5	S402050001KC	
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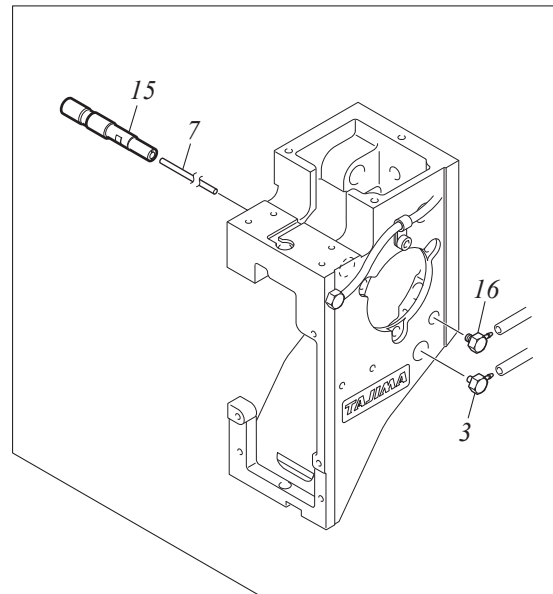
ARM (EXCLUDING TMAR-KC)



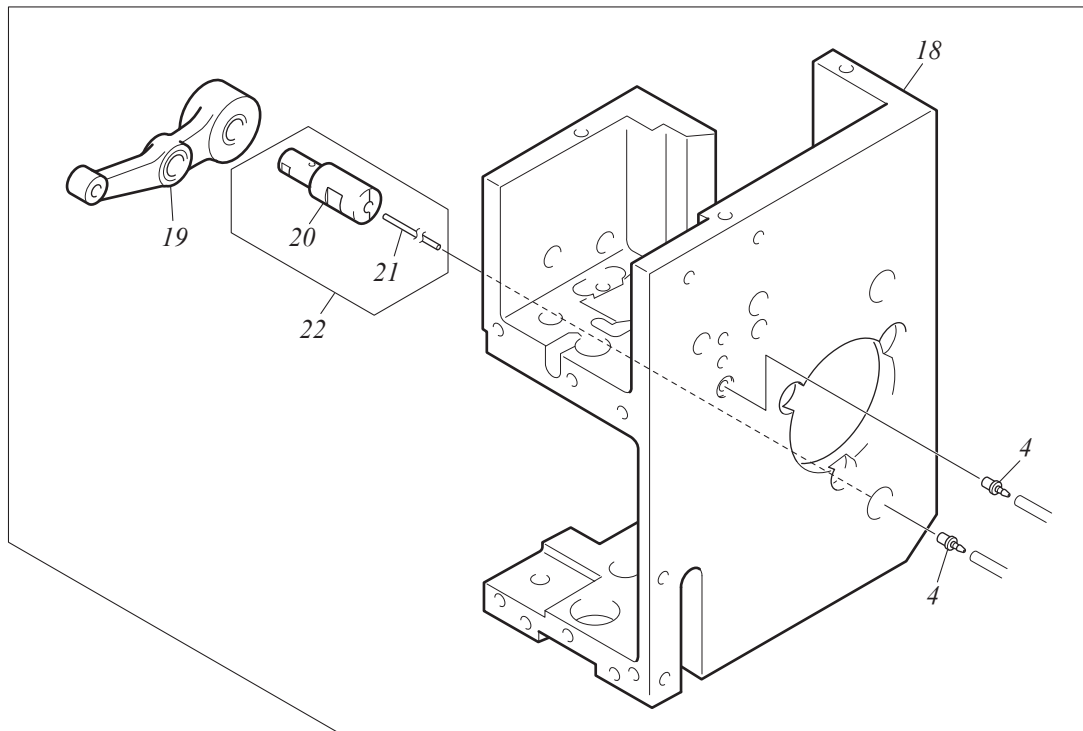
TLMX-mix, TCMX-mix



1st Head and Left Side of Drive Belt



LM Head



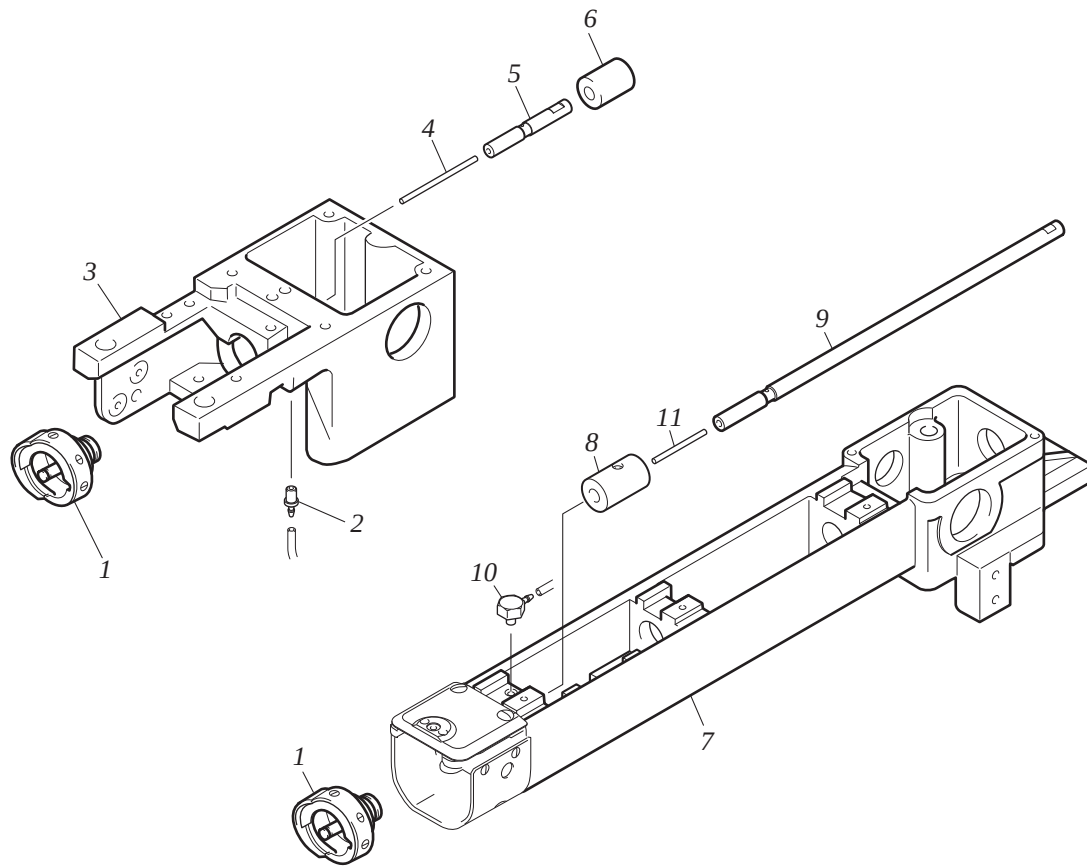
ARM (EXCLUDING TMAR-KC)

LB-3

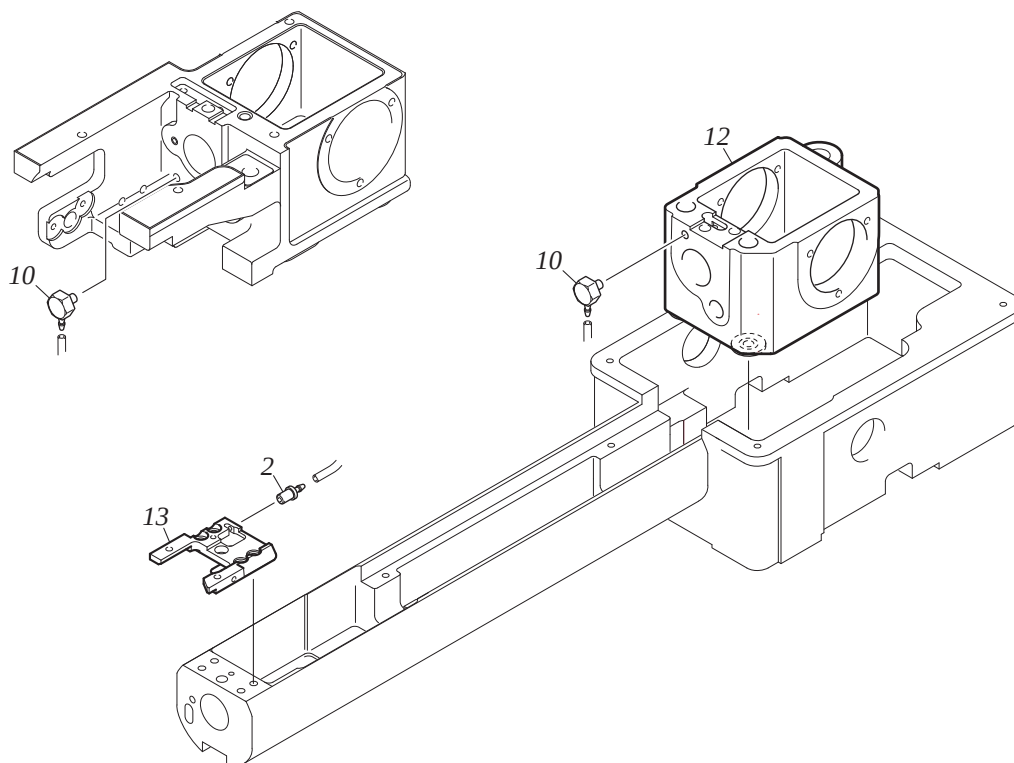
No.	Part Name	Part No.	Remark
1	SENSOR ARM :LB	0L0210060000	
2	BRACKET :PIPING	0L0210070000	
3	ELBOW HOSE END :KNOCK TYPE :PEB2.4-8818	677000110001	
4	HOSE END :PFB2.4-8819	677000130001	
5	HEAD	080110030060	TLMX-MIX, TCMX-MIX, TFKN
5	HEAD	080120010030	TFGNII/TFGS/TFMX/TFMS series, TFSN
6	STEPPED PIN :NO.4	503204030010	
7	WICK :3.5P*61	080240040010	
8	STEPPED PIN :NO.4[S]	503204030S00	
9	LEVER :PRESSER FOOT/LB[S]	080230141S40	
10	LEVER :NEEDLE BAR :AUTOMATIC LUBRICATION[S]	0L0210050S00	
11	STEPPED PIN :NO.5 :AUTOMATIC LUBRICATION	0L0210020010	
12	WICK :3P*25	0L0210160000	
13	NEEDLE BAR DRIVE SHAFT :AUTOMATIC LUBRICATION	0L0210030000	
14	WICK :3.5P*183	080240020010	
15	STEPPED PIN :AUTOMATIC LUBRICATION	0L0210010000	
16	ELBOW HOSE END :SCREW TYPE :PEM2.4-8817	677000120001	
17	CLAMP :2.4MM DIA. TUBE :B	0L0210080000	
18	HEAD :LH :LB	080130011010	
19	LEVER :NEEDLE BAR/LB[S]	0L0210090S00	
20	STEPPED PIN :NO.5	503205060000	
21	WICK :3.5P*48	080240050000	
22	STEPPED PIN :NO.5[S]	503205060S00	
23	NEEDLE BAR DRIVE SHAFT :AUTOMATIC LUBRICATION[S]	0L0210030S00	
24	SENSOR ARM :LB	0C0320041010	TLMX-MIX
24	SENSOR ARM :LBU	0C0230231010	TCMX-MIX
25	BRACKET :PIPING :A	0L021007A000	
26	NYLON CLAMP :NK-2N	644500640000	
27	HEXAGON SOCKET HEAD CAP SCREW :M3*5	S120030501TN	
28	HEXAGON SOCKET HEAD CAP SCREW :M3*4	S120030402TD	
29	PLAIN WASHER :M3*6*T0.5	S301030601SD	
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Note: As for parts with mark @, please follow our instructions on Table of Contents in your parts order.

(QS05)



Shuttle Hook M/C



No.	Part Name	Part No.	Remark
1	ROTARY HOOK :REGULAR ROTARY HOOK HSL-ATR(MTQEL)	050210150000	
1	ROTARY HOOK :JUMBO ROTARY HOOK HSM-ATR/E-LB(MTQEL)	050220080020	
2	HOSE END :PFB2.4-8819	677000130001	
3	ROTARY HOOK BASE :NO.1 :REGULAR ROTARY HOOK/LB	050110040000	
3	ROTARY HOOK BASE :NO.1 :JUMBO ROTARY HOOK/LB	05011004J000	
3	ROTARY HOOK BASE :NO.1 :REGULAR ROTARY HOOK :DAMPER/LB	050110151000	TFGNII,TFSN
3	ROTARY HOOK BASE :NO.1 :JUMBO ROTARY HOOK :DAMPER/LB	050110161000	TFGNII,TFSN
4	WICK :3P*25	0L0210160000	
5	SHAFT :ROTARY HOOK	0L0220010010	
6	OIL-BUSHING :NO.1 :7.94MM DIA.	509179050000	
7	CYLINDER BED :NO.1 :REGULAR ROTARY HOOK/LB	05012007A000	
7	CYLINDER BED :NO.2 :REGULAR ROTARY HOOK/LB	05012007B000	Encoder can be attached
7	CYLINDER BED :NO.1 :JUMBO ROTARY HOOK/LB	05012008A000	
7	CYLINDER BED :NO.2 :JUMBO ROTARY HOOK/LB	05012008B000	Encoder can be attached
8	OIL-BUSHING :NO.1 :7.94MM DIA.	509179080000	
9	SHAFT :ROTARY HOOK	0L0220020020	
10	ELBOW HOSE END :KNOCK TYPE :PEB2.4-8818	677000110001	
11	WICK :3P*54.5	080240150000	
12	SHUTTLE HOOK SHAFT BOX :CYLINDER SHUTTLE HOOK :LB	050350240000	
13	BRACKET :CYLINDER NEEDLE PLATE :SHUTTLE HOOK :LB	050350230000	
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9th Edition May, 2013

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